

## DESCRIPTION

Laboratory Porcine Grower Diet is formulated to meet nutritional requirements of growing swine, starting around 8 weeks of age. This diet can be fed to both mini-pig and commercial swine breeds in a laboratory setting. Formulated to allow animals to reach growth performance similar to a commercial swine operation but may have more energy than is optimal for breeding. This diet is formulated using managed formulation, delivering Constant Nutrition<sup>®</sup>. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

### Features and Benefits

- [Managed Formulation delivers Constant Nutrition<sup>®</sup>](#)
- Designed to be fed to growing pigs, starting at approximately 8 weeks of age
- Energy levels allow for animals to reach growth potential similar to a commercial setting

<b>Product Forms Available</b>	<b>Catalog #</b>
• Oval pellet, 5/32" x 1/4", 50 lb	0005342
<b>Irradiated Versions Available</b>	<b>Catalog #</b>
• 5LN0: PicoLab <sup>®</sup> Laboratory Porcine Grower Diet, 30 lb	**3006746-220
** For ordering, contact <a href="mailto:info@LabDiet.com">info@LabDiet.com</a>	

## GUARANTEED ANALYSIS

Crude protein not less than	16.00%
Lysine not less than	0.19%
Crude fat not less than	3.50%
Crude fiber not more than	5.00%
Calcium not less than	0.60%
Calcium not more than	1.10%
Phosphorus not less than	0.64%
Salt not less than	0.25%
Salt not more than	0.75%
Sodium not more than	0.50%
Selenium not less than	0.10 ppm

## INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Wheat Middlings, Porcine Meat and Bone Meal, Cane Molasses, Calcium Carbonate, Porcine Animal Fat Preserved with BHA and Citric Acid, Salt, Dicalcium Phosphate, Vitamin A Acetate, Choline Chloride, Cholecalciferol (Vitamin D3), Folic Acid, Zinc Oxide, DL-Alpha Tocopheryl Acetate (Vitamin E), Calcium Pantothenate, Nicotinic Acid, Vitamin B12 Supplement, Riboflavin-5-Phosphate, L-Lysine, Manganese Sulfate, Manganous Oxide, Copper Sulfate, Zinc Sulfate, Ethylenediamine Dihydroiodide, Sodium Selenite, Biotin, Ferrrous Sulfate, Basic Copper Chloride.

## FEEDING DIRECTIONS

Feed continuously as part of a wean to finish or growing-finisher feeding program.

See your company representative for additional program details.

For information regarding shelf life please visit [www.labdiet.com](http://www.labdiet.com).

## CHEMICAL COMPOSITION<sup>1</sup>

<b>Nutrients<sup>2</sup></b>		Iron, ppm	200
<b>Protein, %</b>	<b>17.0</b>	Zinc, ppm	180
Arginine, %	1.05	Manganese, ppm	53
Cystine, %	0.28	Copper, ppm	17
Glycine, %	1.06	Cobalt, ppm	0.20
Histidine, %	0.44	Iodine, ppm	0.57
Isoleucine, %	0.64	Chromium (added), ppm	0.01
Leucine, %	1.38	Selenium, ppm	0.56
Lysine, %	0.86		
Methionine, %	0.31	<b>Vitamins</b>	
Phenylalanine, %	0.76	Carotene, ppm	0.5
Tyrosine, %	0.47	Vitamin K, ppm	0.1
Threonine, %	0.60	Thiamin, ppm	5.3
Tryptophan, %	0.18	Riboflavin, ppm	4.4
Valine, %	0.79	Niacin, ppm	59
Serine, %	0.83	Pantothenic Acid, ppm	18
Aspartic Acid, %	1.74	Choline, ppm	626
Glutamic Acid, %	3.67	Folic Acid, ppm	3.9
Alanine, %	1.12	Pyridoxine, ppm	4.4
Proline, %	1.37	Biotin, ppm	0.40
Taurine, %	0.00	B <sub>12</sub> , mcg/kg	18
<b>Fat (ether extract), %</b>	<b>3.8</b>	Vitamin A, IU/gm	13
<b>Fat (acid hydrolysis), %</b>	<b>4.9</b>	Vitamin D <sub>3</sub> (added), IU/gm	1.1
Cholesterol, ppm	32	Vitamin E, IU/kg	54
Linoleic Acid, %	1.50	Ascorbic Acid, mg/gm	0.00
Linolenic Acid, %	0.08		
Arachidonic Acid, %	0.01	<b>Calories provided by:</b>	
Omega-3 Fatty Acids, %	0.08	Protein, %	19.852
Total Saturated Fatty Acids, %	0.91	Fat (ether extract), %	9.880
Total Monounsaturated		Carbohydrates, %	70.268
Fatty Acids, %	1.05		
<b>Fiber (Crude), %</b>	<b>3.3</b>	1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.	
Neutral Detergent Fiber <sup>3</sup> , %	16.8	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Acid Detergent Fiber <sup>4</sup> , %	3.8	3. NDF = approximately cellulose, hemicellulose and lignin.	
<b>Nitrogen-Free Extract</b>		4. ADF = approximately cellulose and lignin.	
<b>(by difference), %</b>	<b>60.3</b>	5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.	
Starch, %	42.2	<b>NOTE: When assayed, actual levels may vary from calculated values.</b>	
Sucrose, %	1.59		
<b>Total Digestible Nutrients, %</b>	<b>78.0</b>		
<b>Gross Energy, kcal/gm</b>	<b>4.00</b>		
<b>Physiological Fuel Value<sup>5</sup>, kcal/gm</b>	<b>3.43</b>		
<b>Metabolizable Energy, kcal/gm</b>	<b>3.23</b>		
<b>Minerals</b>			
Ash, %	5.6		
Calcium, %	0.85		
Phosphorus, %	0.64		
Phosphorus (non-phytate), %	0.42		
Potassium, %	0.85		
Magnesium, %	0.19		
Sulfur, %	0.18		
Sodium, %	0.23		
Chloride, %	0.39		
Fluorine, ppm	21		